MARK VIE TREG H1B EMERGENCY TRIP

Product Data Sheet

IS200TREGH1BDB

Emergency Trip Terminal Board

H1B SOLENOID VOLTAGE	TRIP-SOLENOID CAPACITY	RELAY ALLOCATION	VOTING RELAY ALLOCATION
125 V DC	**3**	**12 relays**	**9 relays in three groups of three**

General Electric IS200TREGH1BDB is an emergency trip terminal board in the Mark VIe TREG H1B Emergency Trip family. It serves compatible installed control equipment in the documented system configuration.

01 VERIFIED TECHNICAL DATA

H1B solenoid voltage	125 V DC
Trip-solenoid capacity	3
Relay allocation	12 relays
Voting relay allocation	9 relays in three groups of three
Control-power feeds	JX1, JY1 and JZ1
Trip-supply polarity	Positive side; TRPG negative side
Feedback power combination	Diode-combined redundant inputs
Associated Mark VI processor	VPRO
Associated Mark VIe interface	SPRO with PPRO
Trip-solenoid load	1 A at 125 V DC

Values follow the unit photographs and applicable documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Maximum solenoid L/R time	0.1 s
Fuse-clearing capability	15 A with all circuits loaded
H1 interlock excitation	100 to 145 V DC, nominal 125 V
Trip-input optical isolation	1500 V
Interlock hardware filter	4 ms

03 DOCUMENTED USE SETTINGS

Electricity Production and Turbine Energy Generation: Electric Power Generation Control.

Oil and Natural Gas Production: Oil Exploration and Production.

Chemical Manufacturing and Continuous Process Production: Chemical Manufacturing and Processing.

04 SYSTEM COMPATIBILITY

Match IS200TREGH1BDB to the documented Mark VIe TREG H1B Emergency Trip arrangement. Confirm the supplied execution, connections and required companion equipment before integration.

05 PRODUCT EVIDENCE

Original GEH-6721G TREG emergency trip pp.381 to 387, H1B-specific supply

AMIKON PRODUCT SUPPORT

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